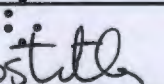


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|---|----------------|---|-------------|--------------------|
| | | EPA Reg No./File Symbol 73148-1 | Page 1 of 4 | |
| Iwakura-shi, Aichi-ken, 482-8510, Japan | | Product IONPURE WPA | | |
| 7740-22-4; EPA Chemical Code 072501 | | | | |
| Guideline Study Name | MRID Number | Submitter | Status | Note |
| Product identify and composition | waived per RED | none | n/a | |
| Description of materials to produce the product | waived per RED | none | n/a | |
| Description of production process | waived per RED | none | n/a | |
| Discussion of the formation of impurities | waived per RED | none | n/a | |
| Preliminary analysis of product samples | waived per RED | none | n/a | |
| Certified limits | waived per RED | none | n/a | |
| Enforcement standard | waived per RED | none | n/a | |
| Color | waived per RED | none | n/a | |
| Physical state | waived per RED | none | n/a | |
| Odor | waived per RED | none | n/a | |
| Oxidation/reduction potential | waived per RED | none | n/a | |
| Flammability | waived per RED | none | n/a | |
| Explosibility | waived per RED | none | n/a | |
| Storage stability | waived per RED | none | n/a | |
| Miscibility | waived per RED | none | n/a | |
|  | | Name and Title Keith A. Hostetler, PhD, Agent for Ishizuka Glass | | Date 02/26/2009 |

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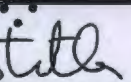
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| | EPA Reg No./File Symbol 73148-1 | Page 1 of 4 |
| Yakura-shi, Aichi-ken, 482-8510, Japan | Product IONPURE WPA | |

740-22-4; EPA Chemical Code 072501

| Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------|-------------|-----------|--------|------|
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |

| | | |
|---|---|--------------------|
|  | Name and Title Keith A. Hostetter, PhD, Agent for Ishizuka Glass | Date 02/26/2009 |
|---|---|--------------------|

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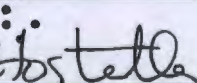
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|---|----------------|---|-------------|--------------------|
| | | EPA Reg No./File Symbol 73148-1 | Page 2 of 4 | |
| Iwakura-shi, Aichi-ken, 482-8510, Japan | | Product IONPURE WPA | | |
| . 7740-22-4; EPA Chemical Code 072501 | | | | |
| Guideline Study Name | MRID Number | Submitter | Status | Note |
| Corrosion characteristics | waived per RED | none | n/a | |
| Dielectric breakdown voltage | waived per RED | none | n/a | |
| pH of water solutions | waived per RED | none | n/a | |
| Viscosity | waived per RED | none | n/a | |
| Density | waived per RED | none | n/a | |
| Acute oral LD50 | waived per RED | none | n/a | |
| Acute dermal LD50 | waived per RED | none | n/a | |
| Acute inhalation | waived per RED | none | n/a | |
| Acute eye irritation | waived per RED | none | n/a | |
| Acute dermal irritation | waived per RED | none | n/a | |
| Dermal sensitization | waived per RED | none | n/a | |
| Subchronic exposure - 90 day dermal toxicity | 41615807 | Kanebo, Ltd. | per | |
| Mutagenicity - gene mutation | 41615808 | Kanebo, Ltd. | per | |
| Mutagenicity - structural chromosomal aberration | 41615809 | Kanebo, Ltd. | per | |
| Mutagenicity - structural chromosomal aberration | 41615810 | Kanebo, Ltd. | per | |
|  | | Name and Title Keith A. Hostetler, PhD, Agent for Ishizuka Glass | | Date 02/26/2009 |

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| | EPA Reg No./File Symbol 73148-1 | Page 2 of 4 |
| o, Iwakura-shi, Aichi-ken, 482-8510, Japan | Product IONPURE WPA | |

o. 7740-22-4; EPA Chemical Code 072501

| Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------|---|--------------|--------------------|------|
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | none | n/a | |
| | | Kanebo, Ltd. | per | |
| | | Kanebo, Ltd. | per | |
| | | Kanebo, Ltd. | per | |
| | | Kanebo, Ltd. | per | |
| Hostetter | Name and Title Keith A. Hostetter, PhD, Agent for Ishizuka Glass | | Date 02/26/2009 | |

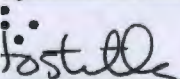
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|---|-------------|---|-------------|--------------------|
| | | EPA Reg No./File Symbol 73148-1 | Page 3 of 4 | |
| , Iwakura-shi, Aichi-ken, 482-8510, Japan | | Product IONPURE WPA | | |
| b. 7740-22-4; EPA Chemical Code 072501 | | | | |
| Guideline Study Name | MRID Number | Submitter | Status | Note |
| Avian oral LC50 | 42646701 | Kanebo, Ltd. | per | |
| Avian dietary LC50 - duck | 41615811 | Kanebo, Ltd. | per | |
| Avian dietary LC50 | 42646703 | Kanebo, Ltd. | per | |
| Avian dietary LC 50 - bobwhite | 41615812 | Kanebo, Ltd. | per | |
| Acute toxicity - bluegill | 41615813 | Kanebo, Ltd. | per | |
| Acute toxicity - trout | 41615814 | Kanebo, Ltd. | per | |
| Acute toxicity - daphnia | 41615815 | Kanebo, Ltd. | per | |
| Acute toxicity - daphnia | 42646702 | Kanebo, Ltd. | per | |
| Hydrolysis | 41615816 | Kanebo, Ltd. | per | |
| Photodegradation | 41615817 | Kanebo, Ltd. | per | |
| Leaching | 41615818 | Kanebo, Ltd. | per | |
| Leaching | 42245401 | Kanebo, Ltd. | per | |
| Teratology | 41638502 | Kanebo, Ltd. | per | |
| Teratology | 42245403 | Kanebo, Ltd. | per | |
| Teratology | 42653201 | Kanebo, Ltd. | per | |
|  | | Name and Title Keith A. Hostetler, PhD, Agent for Ishizuka Glass | | Date 02/26/2009 |

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| | | EPA Reg No./File Symbol 73148-1 | Page 3 of 4 | |
| Takura-shi, Aichi-ken, 482-8510, Japan | | Product IONPURE WPA | | |
| 740-22-4; EPA Chemical Code 072501. | | | | |
| Study Name | MRID Number | Submitter | Status | Note |
| | | Kanebo, Ltd. | per | |
| | | Kanebo, Ltd. | per | |
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| | | Kanebo, Ltd. | per | |
| Hostettler | | Name and Title Keith A. Hostettler, PhD, Agent for Ishizuka Glass | | Date 02/26/2009 |

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Product
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|--|-------------|---------------------------------|--------------------|------|
| | | EPA Reg No./File Symbol 73148-1 | Page 4 of 4 | |
| akura-shi, Aichi-ken, 482-8510, Japan | | Product IONPURE WPA | | |
| 740-22-4; EPA Chemical Code 072501 | | | | |
| Outline Study Name | MRID Number | Submitter | Status | Note |
|  | | Kanebo, Ltd. | per | |
| | | Kanebo, Ltd. | per | |
| | | Kanebo, Ltd. | per | |
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| Name and Title Keith A. Hostetler, PhD, Agent for Ishizuka Glass | | | Date 02/26/2009 | |

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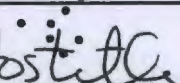
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|---|-------------|--|-------------|--------------------|
| | | EPA Reg No./File Symbol 73148-1 | Page 1 of 3 | |
| Iwakura-shi, Aichi-ken, 482-8510, Japan | | Product IONPURE WPA | | |
| U. 7740-22-4; EPA Chemical Code 072501 | | | | |
| Guideline Study Name | MRID Number | Submitter | Status | Note |
| Product Identity and composition | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Description of materials to produce the product | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Description of production process | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Discussion of the formulation process | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Discussion of the formation of impurities | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Preliminary analysis | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Enforcement standard | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Color | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Physical State | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Odor | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Oxidation/reduction potential | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Flammability | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Explosibility | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Storage Stability | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Certified Limits | 45059401 | Ishizuka Glass Co., Ltd. | own | |
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| | EPA Reg No./File Symbol | 73148-1 | Page 1 of 3 | |
| akura-shi, Aichi-ken, 482-8510, Japan | Product IONPURE WPA | | | |
| 740-22-4; EPA Chemical Code 072501 | | | | |
| End Use Study Name | MRID Number | Submitter | Status | Note |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
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| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
| Name and Title Keith A. Hostettler, PhD, Agent for Ishizuka Glass | | | Date 02/26/2009 | |

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Product
IONPURE WPA

| Guideline Study Name | MRID Number | Submitter | Status | Note |
|---------------------------|-------------|---------------------------------------|--------|--------------------|
| Miscibility | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Corrosion characteristics | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| pH of water solutions | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Viscosity | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Density | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Acute oral LD50 | 45059401 | Ishizuka Glass Co., Ltd. | own | |
| Acute dermal LD50 | cite-all | List included with 6/27/06 submission | pay | prior offer to pay |
| Acute inhalation | cite-all | List included with 6/27/06 submission | pay | prior offer to pay |
| Acute eye irritation | cite-all | List included with 6/27/06 submission | pay | prior offer to pay |
| Acute dermal irritation | cite-all | List included with 6/27/06 submission | pay | prior offer to pay |
| Dermal sensitization | 45094104 | Ishizuka Glass Co., Ltd. | own | |
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Date
02/26/2009

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| | | EPA Reg No./File Symbol 73148-1 | Page 2 of 3 | |
| akura-shi, Aichi-ken, 482-8510, Japan | | Product IONPURE WPA | | |
| 740-22-4; EPA Chemical Code 072501 | | | | |
| Define Study Name | MRID Number | Submitter | Status | Note |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | List included with 6/27/06 submission | pay | prior offer to pay |
| | | List included with 6/27/06 submission | pay | prior offer to pay |
| | | List included with 6/27/06 submission | pay | prior offer to pay |
| | | List included with 6/27/06 submission | pay | prior offer to pay |
| | | Ishizuka Glass Co., Ltd. | own | |
| | | | | |
| Hostetler | | Name and Title Keith A. Hostetler, PhD, Agent for Ishizuka Glass | | Date 02/26/2009 |

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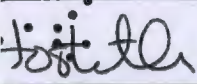
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| | | EPA Reg No./File Symbol 73148-1 | Page 3 of 3 | |
|---|-------------|---|-------------|--------------------|
| , Iwakura-shi, Aichi-ken, 482-8510, Japan | | Product IONPURE WPA | | |
| p. 7740-22-4; EPA Chemical Code 072501 | | | | |
| Guideline Study Name | MRID Number | Submitter | Status | Note |
| Avian oral LD50 | 42646701 | Kanebo, Ltd. | per | permission letter |
| | | | | included in June |
| | | | | 2006 submission |
| Avian dietary LC50 | 41615811 | Kanebo, Ltd. | per | |
| Avian dietary LC50 | 41615812 | Kanebo, Ltd. | per | |
| Avian dietary LC50 | 42646703 | Kanebo, Ltd. | per | |
| Acute LC50 freshwater fish | 41615813 | Kanebo, Ltd. | old | |
| Acute LC50 freshwater fish | 41615814 | Kanebo, Ltd. | old | |
| Acute LC50 freshwater invertebrates | 41615815 | Kanebo, Ltd. | old | |
| | | | | |
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|  | | Name and Title Keith A. Hostetler, PhD, Agent for Ishizuka Glass | | Date 02/26/2009 |

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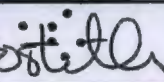
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| | EPA Reg No./File Symbol 73148-1 | Page 3 of 3 |
| Yokohama-shi, Aichi-ken, 482-8510, Japan | Product IONPURE WPA | |

740-22-4; EPA Chemical Code 072501

| Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|-------------|---|--------|--------------------|
|  | | Kanebo, Ltd. | per | permission letter |
| | | | | included in June |
| | | | | 2006 submission |
| | | Kanebo, Ltd. | per | |
| | | Kanebo, Ltd. | per | |
| | | Kanebo, Ltd. | per | |
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| | | | | |
|  | | Name and Title Keith A. Hostetler, PhD, Agent for Ishizuka Glass | | Date 02/26/2009 |

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